

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tomoyoshi ISHIKAWA et al.
Title: STABLE WATER-BASED MEDICINAL PREPARATION CONTAINING ANTIBODY
Int'l. Appl. No.: PCT/JP2004/019259
Int'l. Filing Date: 12/22/2004
Examiner: Unassigned
Art Unit: Unassigned
Confirmation Number: Unassigned

DECLARATION OF DEPOSIT OF MICROORGANISMS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I declare:

1. A deposit of the microorganism identified as KM302-1, of Accession number FERM BP-7578; the microorganism identified as KM281-1-10, of Accession number, FERM BP-7579; the microorganism identified as KM281-2-10-1-2, of Accession number, FERM BP-7580; the microorganism identified as 4D11, of Accession number FERM BP-7758; the microorganism identified as KM341-1-19, of Accession number FERM BP-7759; the microorganism identified as HD4, of Accession number FERM BP-7771; the microorganism identified as HD6, of Accession number FERM BP-7772; the microorganism identified as HD8, of Accession number FERM BP-7773; the microorganism identified as HD10, of Accession number FERM BP-7774, and the microorganism identified as 2105, of Accession number FERM BP-8024; the microorganism identified as HD3, of Accession number FERM BP-08534; and the microorganism identified as HD7, of Accession number FERM BP-08536, were made at the International Patent Organism Depository, National Institute of Advanced Industrial Science and Technology, AIST

Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan and accepted under the provisions of the Budapest Treaty for patent purposes.

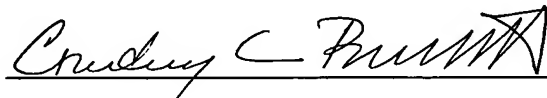
2. The deposits registered in the name of Kirin Beer Kabushiki Kaisha and having Accession numbers FERM BP-7578, FERM BP-7579 & FERM BP-7580 were made on May 9, 2001. The deposits registered in the name of Kirin Beer Kabushiki Kaisha and having Accession numbers FERM BP-7758 and FERM BP-7759, were made on September 27, 2001. The deposits registered in the name of Kirin Beer Kabushiki Kaisha and having Accession numbers FERM BP-7771, FERM BP-7772, FERM BP-7773 & FERM BP-7774 were made on October 11, 2001. The deposit registered in the name of Kirin Beer Kabushiki Kaisha and having Accession number FERM BP-8024 was made on April 17, 2002. The deposits registered in the name of Kirin Beer Kabushiki Kaisha and having Accession numbers FERM BP-08534 & FERM BP-08536 were made on October 31, 2003.

3. All restrictions on the availability to the public of the culture deposited will be irrevocably removed upon the granting of a patent from the above-identified application.

4. The deposit will be replaced if viable samples cannot be dispensed by the depository.

5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued therefrom.

Signed this 23rd day of June, 2006

A handwritten signature in black ink, appearing to read "Courtenay C. Brinckerhoff", is written over a horizontal line.

Name: Courtenay C. Brinckerhoff
Attorney for Applicant
Registration No. 37,288

(Translation)

INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: KM302-1	Accession Number: FERM BP-7578
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input type="checkbox"/> A Scientific Property <input type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on May 9, 2001. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on , a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: May 9, 2001	

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特許手続上の微生物の寄託の国際的承認
に関するブダペスト条約

下記国際寄託当局によって規則 7.1 に従い
発行される。

原寄託についての受託証

氏名 (名称) 麒麟麦酒株式会社
代表取締役社長 荒時 康一郎

寄託者 あて名 〒 殿

東京都中央区新川 2 丁目 10 番 1 号

1. 微生物の表示

(寄託者が付した識別のための表示)
KM302-1

(受託番号)
FERM BP- 7578

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成 13 年 5 月 9 日 (原寄託日) に受領した 1 欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、年 月 日 (原寄託日) に 1 欄の微生物を受領した。
そして、年 月 日に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depository
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)
AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成 13 年 (2001) 5 月 9 日

(Translation)

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Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: KM281-1-10	Accession Number: FERM BP-7579
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input type="checkbox"/> A Scientific Property <input type="checkbox"/> Taxonomic Position	
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代表取締役社長

荒時 康一郎

殿

寄託者

あて名 〒

東京都中央区新川1丁目10番1号

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1. 微生物の表示

(寄託者が付した識別のための表示)
KM2S1-1-10

(受託番号)
FERM BP- 7579

2. 科学的性質及び分類学上の位置

1欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

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5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depositary
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu, Director

あて名: 日本国茨城県つくば市東1丁目1番地1 中央第6(郵便番号 305-8566)
A1ST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
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平成13年(2001) 5月 9日

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Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: KM281-2-10-1-2	Accession Number: FERM BP-7580
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input type="checkbox"/> A Scientific Property <input type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
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This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on _____, a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: May 9, 2001	

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原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒時 康一郎

殿

寄託者

あて名

〒

東京都中央区新富二丁目10番1号

1. 微生物の表示

(寄託者が付した識別のための表示)

KM281-2-10-1-2

(受託番号)

FERM BP- 7580

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

■ 科学的性質

■ 分類学上の位置

3. 受領及び受託

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4. 移管請求の受領

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5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depositary
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu, Director

あて名: 日本国茨城県つくば市東1丁目1番地1 中央第6 (郵便番号 305-8566)
A1ST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成13年(2001) 5月 9日

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TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: 4D11	Accession Number: FERM BP-7758
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input type="checkbox"/> A Scientific Property <input type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on September 27, 2001. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on _____, (date of the original deposit), and received on _____, a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: October 3, 2001	

特許手続上の微生物の寄託の国際的承認
に関するブダペスト条約

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原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒蒔 康一郎

殿

寄託者

あ て 名

〒 東京都中央区新川二丁目 10 番 1 号

BUDAPEST TREATY ON THE INTERNATIONAL
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1. 微生物の表示

(寄託者が付した識別のための表示)

4 D 1 1

(受託番号)

FERM BP- 7758

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

■ 科学的性質

■ 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成 13 年 9 月 27 日 (原寄託日) に受領した 1 欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、 年 月 日 (原寄託日) に 1 欄の微生物を受領した。

そして、 年 月 日 に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organisation
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu,

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)

AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成 13 年 (2001) 10 月 3 日

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TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: KM341-1-19	Accession Number: FERM BP-7759
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input type="checkbox"/> A Scientific Property <input type="checkbox"/> Taxonomic Position	
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Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: October 3, 2001	

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代表取締役社長

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寄託者

あ て 名

殿

東京都中央区新川二丁目 10 番 1 号

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1. 微生物の表示

(寄託者が付した識別のための表示)
KM341-1-19

(受託番号)
FERM BP- 7759

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

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Dr. Yasuhiko Komatsu.

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)

AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
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平成 13 年 (2001) 10 月 3 日

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TO DEPOSITOR:

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Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD4	Accession Number: FERM BP-7771
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
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INTERNATIONAL DEPOSITARY AUTHORITY
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page.

原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒蒔 康一郎

殿

寄託者

あて名 千

東京都中央区新川二丁目10番1号

1. 微生物の表示

(寄託者が付した識別のための表示)

HD4

(受託番号)

FERM BP- 7771

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成 13 年 10 月 11 日 (原寄託日) に受領した 1 欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、
年 月 日 (原寄託日) に 1 欄の微生物を受領した。
そして、
年 月 日 に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depositary
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)

AIST Tsukuba Central 6-1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成 13 年 (2001) 10 月 11 日

(Translation)

INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD6	Accession Number: FERM BP-7772
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input checked="" type="checkbox"/> A Scientific Property <input checked="" type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on October 11, 2001. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: October 11, 2001	

特許手続上の微生物の寄託の国際的承認
に関するブダペスト条約

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL
DEPOSIT

下記国際寄託当局によって規則7.1に従い
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issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this
page.

原寄託についての受託証

氏名 (名称) 麒麟麦酒株式会社
代表取締役社長 荒蒔 康一郎 殿
寄託者 あて名 〒 東京都中央区新川二丁目10番1号

1. 微生物の表示

(寄託者が付した識別のための表示)

HD6

(受託番号)

FERM BP- 7772

2. 科学的性質及び分類学上の位置

1欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成13年10月11日(原寄託日)に受領した1欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、
年 月 日(原寄託日)に1欄の微生物を受領した。
そして、年 月 日に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depository
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu

あて名: 日本国茨城県つくば市東1丁目1番地1 中央第6 (郵便番号 305-8566)

AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成13年(2001)10月11日

(Translation)

INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD8	Accession Number: FERM BP-7773
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input checked="" type="checkbox"/> A Scientific Property <input checked="" type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on October 11, 2001. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: October 11, 2001	

特許手続上の微生物の寄託の国際的承認
に関するブタペスト条約

下記国際寄託当局によって規則 7. 1 に従い
発行される。

原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒崎 康一郎

殿

寄託者

あて名 〒

東京都中央区新川二丁目10番1号

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL
DEPOSIT

issued pursuant to Rule 7. 1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this
page.

1. 微生物の表示

(寄託者が付した識別のための表示)

HD 8

(受託番号)

FERM BP- 7773

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成 13 年 10 月 11 日 (原寄託日) に受領した 1 欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、
年 月 日 (原寄託日) に 1 欄の微生物を受領した。
そして、年 月 日に原寄託よりブタペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depositary
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)
AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成 13 年 (2001) 10 月 11 日

(Translation)

INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD10	Accession Number: FERM BP-7774
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input checked="" type="checkbox"/> A Scientific Property <input checked="" type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on October 11, 2001. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: October 11, 2001	

特許手続上の微生物の寄託の国際的承認
に関するブダペスト条約

下記国際寄託当局によって規則 7. 1 に従い
発行される。

原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒蒔 康一郎

寄託者

あ て 名

〒 東京都中央区新川二丁目 10 番 1 号

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL
DEPOSIT

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page.

1. 微生物の表示

(寄託者が付した識別のための表示)

HD10

(受託番号)

FERM BP- 7774

2. 科学的性質及び分類学上の位置

1 欄の微生物には、次の事項を記載した文書が添付されていた。

- 科学的性質
- 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成 13 年 10 月 11 日 (原寄託日) に受領した 1 欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、
年 月 日 (原寄託日) に 1 欄の微生物を受領した。
そして、年 月 日に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organisation
名称: National Institute of Advanced Industrial Science and Technology

センター長 小松 泰彦

Dr. Yasuhiko Komatsu

あて名: 日本国茨城県つくば市東 1 丁目 1 番地 1 中央第 6 (郵便番号 305-8566)

AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成 13 年 (2001) 10 月 11 日

(Translation)

INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo, Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: 2105	Accession Number: FERM BP-8024
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
The microorganism identified under I above was accompanied by a document stating the following item(s). <input checked="" type="checkbox"/> A Scientific Property <input checked="" type="checkbox"/> Taxonomic Position	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received on April 17, 2002. (date of the original deposit)	
IV. RECEIPT OF REQUEST FOR TRANSFER	
This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on , a request for transfer from the original deposit to the deposit under the Budapest treaty.	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Representative: <u>Dr. Yasuhiko KOMATSU, Director</u> (sealed) Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan Date: April 17, 2002	

特許手続上の微生物の寄託の国際的承認
に関するブダペスト条約

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL
DEPOSIT

下記国際寄託当局によって規則7.1に従い
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issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
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page.

原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社

代表取締役社長

荒蒔 康一郎

寄託者

あて名 〒

殿

東京都中央区新川二丁目10番1号

1. 微生物の表示

(寄託者が付した識別のための表示)

2105

(受託番号)

FERM BP-8024

2. 科学的性質及び分類学上の位置

1欄の微生物には、次の事項を記載した文書が添付されていた。

- ☒ 科学的性質
- ☒ 分類学上の位置

3. 受領及び受託

本国際寄託当局は、平成14年 4月17日(原寄託日)に受領した1欄の微生物を受託する。

4. 移管請求の受領

本国際寄託当局は、 年 月 日(原寄託日)に1欄の微生物を受領した。
そして、 年 月 日に原寄託よりブダペスト条約に基づく寄託への移管請求を受領した。

5. 国際寄託当局

独立行政法人産業技術総合研究所 特許生物寄託センター

International Patent Organism Depositary
名称: National Institute of Advanced Industrial Science and Technology

センター長 岡 修

Dr. Syuichi Oka, D

あて名: 日本国茨城県つくば市東1丁目1番地1 中央第6 (郵便番号 305-8566)

AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi,
Ibaraki-ken 305-8566 Japan

平成14年(2002) 4月17日

INTERNATIONAL FORM

**BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE**

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo 104-8288 Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD3	Accession Number: FERM BP-08534
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
<p>The microorganism identified under I above was accompanied by a document stating the following item(s).</p> <p><input type="checkbox"/> A Scientific Property</p> <p><input type="checkbox"/> Taxonomic Position</p>	
III. RECEIPT AND ACCEPTANCE	
<p>This International Depositary Authority accepts the microorganism identified under I above, which was received on October 31, 2003.</p> <p align="right">(date of the original deposit)</p>	
IV. RECEIPT OF REQUEST FOR TRANSFER	
<p>This International Depositary Authority received the microorganism under I above on (date of the original deposit), and received on , a request for transfer from the original deposit to the deposit under the Budapest treaty.</p>	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
<p>Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology</p> <p>Representative: <u>Dr. Syuichi OKA, Director</u> (sealed)</p> <p>Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan</p> <p align="right">Date: October 31, 2003</p>	

書式8(第7条第1項関係)

「特許手続上の微生物の寄託の国際的承認
に関するブタベスト条約」

下記国際寄託当局によって規則7.1に従い
発行される。

BUTAPEST TREATY OF THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE
RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT
issued pursuant to Rule 7.1 by the INTERNATIONAL
DEPOSIT AUTHORITY identified at the bottom of this page.

原寄託についての受託証

氏名 (名称)

麒麟麦酒株式会社
代表取締役社長 荒崎康一郎 殿

あて名 〒104-8288
東京都中央区新川二丁目10番1号

1. 微生物の表示	
(寄託者が付した識別のための表示) HD3	(受託番号) FERM BP- 08534
2. 科学的性質及び分類学上の位置	
1欄の微生物には、次の事項を記載した文章が添付されていた。 <input checked="" type="checkbox"/> 科学的性質 <input checked="" type="checkbox"/> 分類学上の位置	
3. 受領及び受託	
本国際寄託当局は、2003年10月31日(原寄託日)に受領した1欄の微生物を受託する。	
4. 移管請求の受領	
本国際寄託当局は、年月日(原寄託日)に受領した1欄の微生物を受託した。 そして、年月日に原寄託によりブタベスト条約に基づく寄託への移管請求を受領した。	
5. 国際寄託当局	
<p>名称 独立行政法人産業技術総合研究所 特許生物寄託センター</p> <p>International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology</p> <p>センター長 岡 修一</p> <p>Dr.Syuichi Oka, Director</p> <p>あて名 日本国茨城県つくば市東1丁目1番地1 中央第6(郵便番号305-8566)</p> <p>AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305-8566 Japan</p>	
平成 15 年 (03) 10 月 31 日	

INTERNATIONAL FORM

**BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE**

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

TO DEPOSITOR:

Name: KIRIN BEER KABUSHIKI KAISHA
Representative: Koichiro ARAMAKI
Address: 10-1, Shinkawa 2-chome, Chou-ku, Tokyo 104-8288 Japan

I. IDENTIFICATION OF MICROORGANISM	
Identification Reference Given by the Depositor: HD7	Accession Number: FERM BP-08536
II. A SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC POSITION	
<p>The microorganism identified under I above was accompanied by a document stating the following item(s).</p> <p><input type="checkbox"/> A Scientific Property</p> <p><input type="checkbox"/> Taxonomic Position</p>	
III. RECEIPT AND ACCEPTANCE	
<p>This International Depositary Authority accepts the microorganism identified under I above, which was received on October 31, 2003.</p> <p align="right">(date of the original deposit)</p>	
IV. RECEIPT OF REQUEST FOR TRANSFER	
<p>This International Depositary Authority received the microorganism under I above on _____, _____, _____ (date of the original deposit), and received on _____, _____, _____ a request for transfer from the original deposit to the deposit under the Budapest treaty.</p>	
V. INTERNATIONAL DEPOSITARY AUTHORITY	
<p>Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology</p> <p>Representative: <u>Dr. Syuichi OKA, Director</u> (sealed)</p> <p>Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome, Tsukuba-shi, Ibaraki-ken 305-8566 Japan</p> <p align="right">Date: October 31, 2003</p>	

書式8(第7条第1項関係)

「特許手続上の微生物の寄託の国際的承認
に関するブタペスト条約」

下記国際寄託当局によって規則7.1に従い
発行される。

BUDAPEST TREATY OF THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT
issued pursuant to Rule 7.1 by the INTERNATIONAL
DEPOSIT AUTHORITY identified at the bottom of this page.

原寄託についての受託証

氏名(名称)

麒麟麦酒株式会社
代表取締役社長 荒崎康一郎 殿

あて名 〒104-8288
東京都中央区新川二丁目10番1号

1. 微生物の表示	
(寄託者が付した識別のための表示) HD7	(受託番号) FERM BP- 08536
2. 科学的性質及び分類学上の位置	
1欄の微生物には、次の事項を記載した文章が添付されていた。 <input checked="" type="checkbox"/> 科学的性質 <input checked="" type="checkbox"/> 分類学上の位置	
3. 受領及び受託	
本国際寄託当局は、2003年10月31日(原寄託日)に受領した1欄の微生物を受託する。	
4. 移管請求の受領	
本国際寄託当局は、年月日(原寄託日)に受領した1欄の微生物を受託した。 そして、年月日に原寄託によりブタペスト条約に基づく寄託への移管請求を受領した。	
5. 国際寄託当局	
名称 独立行政法人産業技術総合研究所 特許生物寄託センター International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology センター長 岡 修一 Dr.Syuichi Oka, Director あて名 日本国茨城県つくば市東1丁目1番地1 中央第6(郵便番号305-8566) AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305-8566 Japan	

平成 15 年 (03) 10 月 31 日

ATCC

10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-365-2700 • FAX: 703-365-2745

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Gemini Science Inc.
Attn: Toshifumi Mikayama
10355 Science Center Dr.
San Diego, CA 92130

Deposited on Behalf of: Gemini Science Inc.

Identification Reference by Depositor:

Human IgG heavy chain variable region: F2-103-H
Human IgG light chain variable region: F2-103-L
Human IgG heavy chain variable region: F5-77-H
Human IgG light variable region: F5-77-L
Human IgG heavy chain variable region: F5-157-H
Human IgG light variable region: F5-157-L

Patent Deposit Designation

PTA-3302
PTA-3303
PTA-3304
PTA-3305
PTA-3306
PTA 3307

The deposits were accompanied by: a scientific description a proposed taxonomic description indicated above. The deposits were received April 19, 2001 by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

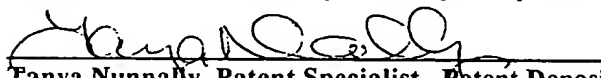
If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested May 2, 2001. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature of person having authority to represent ATCC:


Tanya Nunnally, Patent Specialist, Patent Depository

Date: May 17, 2001

cc: Robert Bedgood
(Ref: Docket or Case No.: 021286/027 6339)

ATCC

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RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Gemini Science Inc.
Attn: Toshifumi Mikayama
10355 Science Center Dr.
San Diego, CA 92121

Deposited on Behalf of: Gemini Science Inc.

Identification Reference by Depositor:

Mouse B Cell Hybridoma: F1-102
Mouse B Cell Hybridoma: F4-465

Patent Deposit Designation

PTA-3337
PTA-3338

The deposits were accompanied by: a scientific description a proposed taxonomic description indicated above. The deposits were received April 24, 2001 by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.


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